ARG64708
anti-HOXD10 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes HOXD10
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Hrs
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	HOXD10
Species	Human
Immunogen	PNRSCRIEQPVTQQ
Conjugation	Un-conjugated
Alternate Names	Homeobox protein Hox-4E; Homeobox protein Hox-4D; HOX4; HOX4D; HOX4E; Hox-4.4; Homeobox protein Hox-D10

Application Instructions

Application table

Application	Dilution
IHC-P	3 - 5 µg/ml
WB	0.2 - 0.6 µg/ml

Application Note

IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

	before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

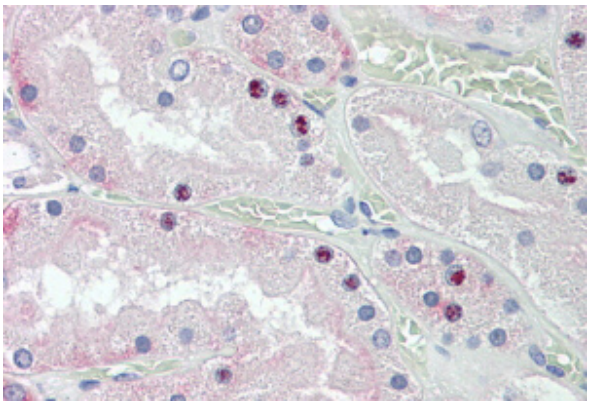
Bioinformation

Database links	GeneID: 3236 Human Swiss-port # P28358 Human
Background	This gene is a member of the Abd-B homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox D genes located on chromosome 2. The encoded nuclear protein functions as a sequence-specific transcription factor that is expressed in the developing limb buds and is involved in differentiation and limb development. Mutations in this gene have been associated with Wilm's tumor and congenital vertical talus (also known as "rocker-bottom foot" deformity or congenital convex pes valgus) and/or a foot deformity resembling that seen in Charcot-Marie-Tooth disease. [provided by RefSeq, Jul 2008]
Research Area	Gene Regulation antibody
Calculated Mw	38 kDa

Images

ARG64708 anti-HOXD10 antibody WB image

Western Blot: Human Kidney lysate (35 µg protein in RIPA buffer) stained with ARG64708 anti-HOXD10 antibody at 0.2 µg/ml dilution.



ARG64708 anti-HOXD10 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Kidney. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG64708 anti-HOXD10 antibody at 3.8 µg/ml dilution followed by AP-staining.